IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Display
Manufacturer:	Barco
Firmware Version:	N/A
Model(s):	NSL-5521, NSL-4601

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
2	4/27/2012	1.5.1	3.3.1	Added Window Wall Commands.
1	4/9/2012	1.5.1	3.3.1	Initial version.

Driver Notes:

Control Commands & States:

Aspect Ratio	Wide	4:3	Zoom
	Panorama	14:9	
Auto Image*	Execute		
Device ID	0 - 255	Broadcast	
Horizontal Shift	Up	Down	
Horizontal Shift (discrete)	0 to 100 in steps of 1		
Input	PC	DVI	Component
	S-Video	CVBS	
Menu Navigation	Up	Down	Right
	Left	Select	Menu
Picture Mode	User	Dynamic	Standard
	Movie	Middle	
Power Control	On	Off	
Vertical Shift	Up	Down	
Vertical Shift (discrete)	0 to 100 in steps of 1		
Window Wall Cell No	1-255		
Window Wall H Gap	0-40		
Window Wall Horizontal Size	1-16		
Window Wall V Gap	0-40		
Window Wall Vertical Size	1-16		

* Auto image is available only for PC input.

Status Available:

Aspect Ratio	Wide	4:3	Zoom
	Panorama	14:9	
Connection Status	Connected	Disconnected	
Device ID	0	Broadcast	
Horizontal Shift (discrete)	0 to 100 in steps of 1		
Input	PC	DVI	Component
	S-Video	CVBS	
Picture Mode	User	Dynamic	Standard
	Movie	Middle	
Power Control	On	Off	
Vertical Shift (discrete)	0 to 100 in steps of 1		
Window Wall Cell No	1-255		
Window Wall H Gap	0-40		
Window Wall Horizontal Size	1-16		
Window Wall V Gap	0-40		
Window Wall Vertical Size	1-16		

MLC60 Series Supported Commands:

Aspect Ratio	Wide	4:3	Zoom
	Panorama	14:9	
Auto Image*	Execute		
Device ID	0	Broadcast	
Horizontal Shift	Up	Down	
Horizontal Shift (discrete)	0 to 100 in steps of 1		
Input	PC	DVI	Component
	S-Video	CVBS	
Menu Navigation	Up	Down	Right
	Left	Select	Menu
Picture Mode	User	Dynamic	Standard
	Movie	Middle	
Power Control	On	Off	
Vertical Shift	Up	Down	
Vertical Shift (discrete)	0 to 100 in steps of 1		

*Default Device ID: 1
Auto image is available only for PC input.

Cable and Adapter Requirements:

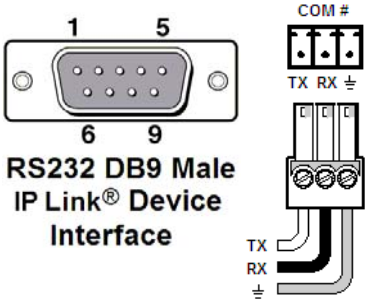
F/M RS-232 Null modem cable

Notes for the Device:

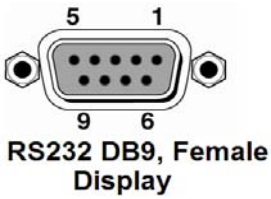
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2		2	RxD
TxD	3		3	TxD
GND	5		5	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: